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TECHNOLOGY CENTER 2800  
OCT - 2 2003

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Applicant: Jody L. Turin, et. al

Application No.: 09/607,273

Group: 2857

Filed: June 30, 2000

Examiner: Tsai, C.

For: SYSTEM AND METHOD FOR COLLECTING AND  
DISSEMINATING HOUSEHOLD INFORMATION AND FOR  
COORDINATING REPAIR AND MAINTENANCE SERVICES

**DECLARATION UNDER 37 C.F.R. 1.131**

Assistant Commissioner for Patents  
Washington, DC 20231

**September 17, 2003**

Sir:

1. I, Jocelyn M. Seng, residing at 353 Cedar Street, Granville, Ohio 43023, declare as follows:

2. I am a citizen of the United States of America.

3. I am the inventor of the subject matter disclosed and claimed in the U.S. Patent Application identified above and I am informed of the prosecution history of this application.

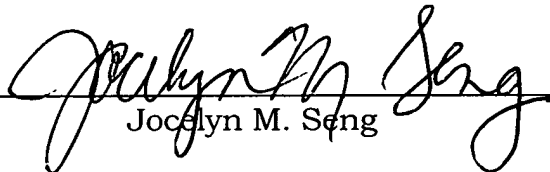
4. I understand that the Examiner has made a 35 USC 102 rejection of claims based in part upon the Sharood et al patent (U.S. Patent No. 6,453,687), claiming priority to provisional applications, the earliest of which is 60/174,829, filed January 7, 2000.

5. The invention claimed in the present application was conceived prior to January 7, 2000, and Applicant was diligent in filing the instant application at least between January 6, 2000 and June 30, 2000.

6. Applicant attaches herewith a portion of a presentation made within Owens Corning during 1999, describing an embodiment of at least the invention claimed in claim 1.

I hereby declare that statements made herein of my own knowledge are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this 24 day of September, 2003.

  
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Jocelyn M. Seng



# System Thinking Ideas Strategic Controls COE



# System Thinking Ideas

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- Products related to our business units
- Controls & Concepts
- Information Services
- Service Business Opportunities

# Controls



## ■ OC thermostat

- Integrates latest control strategies for home
- Both for heatpump and gas/oil systems
- Allows connection to PC
- Connects to home sensors through PINKNET home networking system
- Controls furnace humidifier system
- Attic vent fan control
- Hot water tank control
- Home energy monitoring



## Why OC thermostat? (cont.)

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- Make new software versions available as free downloads from our main webpage
  - Users continually review our webpage for updates and we can use this to advertise our products
  - Let users download or use software packages to allow them to calculate proper insulation amounts
  - Let users download PC based software that works with the OC thermostat to collect historical data and generate reports

# Service Business Opportunities

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- Home environment monitoring service
  - Home security
    - Burglar protection
    - Fire protection
  - Thermostat
    - Energy usage (reporting)
    - Trouble or Service needed (repair/maintenance)
      - Filters need replaced
  - Equipment failure

# Service Business Opportunities

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- Home environment monitoring, cont.
  - Suggested improvements based on
    - Energy usage
    - Equipment age
    - Lifestyle
    - Safety